

Greetings MCE Secretariat;

I have recently reviewed the following document entitled Cost Benefit Analysis of Smart Metering and Direct Load Control

Stream 2: Network Benefits and Recurring Costs Phase 1 Report Produced by CRA International.

I am not sure if you were aware of this, but the system protocol IEEE 802.15.4 referred to as (Zigbee) as recommended in the document, has been the subject of many recent international studies.

Recent findings by the IEEE, several universities and a growing number of independent testing facilities have reported conclusively that 802.15.4 protocol to be experiencing significant and catastrophic problems when in the proximity of other wireless networks. More specifically IEEE 802.11 WIFI and Wlan networks.

The findings are very significant and I suggest you seek clarification on the issue and impact it will have from the U.S. DOE or EPRI before any intended or proposed roll out.

As an Australia developer of wireless sensor networks (WSN) specializing in Intelligent energy grid technologies I fully concur with the recent findings and the position the DOE has taken on not adapting the protocol.

If you are at all interested in our suggestions please don't hesitate contacting us.

Sincerely

James Eades
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Australia